

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/026359

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K35/72 A61K31/716 A61P9/10 A61P7/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ROSS G D ET AL: "Newly identified function for the complement (C) system in regulating hematopoiesis and bone marrow reconstitution after radiation injury." EXPERIMENTAL HEMATOLOGY (NEW YORK), vol. 31, no. 7 Supplement 1, July 2003 (2003-07), pages 235-236, XP002339757 & 32ND ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR EXPERIMENTAL HEMATOLOGY; PARIS, FRANCE; JULY 05-08, 2003 ISSN: 0301-472X abstract ----- -/-	1-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

10 August 2005

Date of mailing of the international search report

22/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Hars, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/026359

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	CRAMER D E ET AL: "Role of the complement system and LPS in bone marrow repair after myelotoxic injury" MOLECULAR IMMUNOLOGY, vol. 41, no. 2-3, June 2004 (2004-06), pages 223-224, XP009052115 & 20TH INTERNATIONAL COMPLEMENT WORKSHOP; HONOLULU, HI, USA; JUNE 13-18, 2004 ISSN: 0161-5890 abstract	1-8
P,X	WO 2004/014320 A (BIOPOLYMER ENGINEERING, INC; OSTROFF, GARY, R; ROSS, GORDON, D; UNIVER) 19 February 2004 (2004-02-19) cited in the application the whole document	1,2,4-7
P,X	US 6 713 459 B1 (WILLIAMS DAVID L ET AL) 30 March 2004 (2004-03-30) the whole document	1-8
A	PATCHEN M L ET AL: "STIMULATED HEMOPOIESIS AND ENHANCED SURVIVAL FOLLOWING GLUCAN TREATMENT IN SUBLETHALLY AND LETHALLY IRRADIATED MICE" INTERNATIONAL JOURNAL OF IMMUNOPHARMACOLOGY, vol. 7, no. 6, 1985, pages 923-932, XP009052090 ISSN: 0192-0561 cited in the application abstract	1-8
A	PATCHEN M L ET AL: "SOLUBLE POLYGLYCANS ENHANCE RECOVERY FROM COBALT-60-INDUCED HEMOPOIETIC INJURY" JOURNAL OF BIOLOGICAL RESPONSE MODIFIERS, vol. 3, no. 6, 1984, pages 627-633, XP009052093 ISSN: 0732-6580 cited in the application abstract	1-8
A	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 8 March 2001 (2001-03-08), LI CHUANFU ET AL: "(1-3)-beta-D-glucan reduces infarct size in rat hearts: Correlated with blunting of NF-kappaB activation" XP009052145 Database accession no. PREV200100264296 cited in the application abstract	1-8
	-/--	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/026359

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>& FASEB JOURNAL, vol. 15, no. 5, 8 March 2001 (2001-03-08), page A1140, ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY ON EXPERIMENTAL BIOL; ORLANDO, FLORIDA, USA; MARCH 31-APRIL 04, 2001 ISSN: 0892-6638</p> <p>-----</p> <p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; March 2003 (2003-03), LI YUEHUA ET AL: "Modulating Toll-like receptor signaling by (1-3)-beta-D-glucan rapidly induces cardioprotection from ischemic injury." XP002339761 Database accession no. PREV200300295613 cited in the application abstract & FASEB JOURNAL, vol. 17, no. 4-5, March 2003 (2003-03), pages Abstract No. 342.20 URL-http://ww, FASEB MEETING ON EXPERIMENTAL BIOLOGY: TRANSLATING THE GENOME; SAN DIEGO, CA, USA; APRIL 11-15, 2003 ISSN: 0892-6638</p>	1-8
A	<p>US 5 504 079 A (JAMAS ET AL) 2 April 1996 (1996-04-02) cited in the application the whole document</p> <p>-----</p>	1-8

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/026359

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004014320	A	19-02-2004	AU 2003258181 A1	25-02-2004
			EP 1545208 A2	29-06-2005
			WO 2004014320 A2	19-02-2004
US 6713459	B1	30-03-2004	NONE	
US 5504079	A	02-04-1996	AT 153856 T	15-06-1997
			AU 647751 B2	31-03-1994
			AU 6429290 A	08-04-1991
			CA 2067159 A1	09-03-1991
			DE 69030880 D1	10-07-1997
			DE 69030880 T2	18-09-1997
			EP 0491829 A1	01-07-1992
			ES 2103276 T3	16-09-1997
			JP 5502018 T	15-04-1993
			WO 9103248 A2	21-03-1991